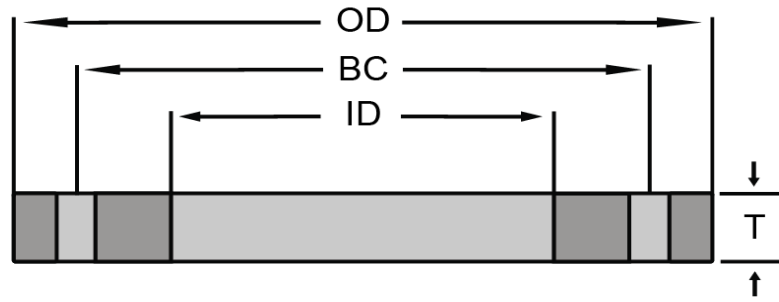




AWWA C228-08 Stainless-Steel Ring Flanges
Classes SA, SB, SD, SE



Nominal size	Outside Diameter (OD)	ID of Flange (ID)		No. of Bolt Holes	Bolt Circle (BC)	Diameter of Holes	Thickness (T)			
		Pipe	Tube				SA	SB	SD	SE
2	6.00	2.44	2.03	4	4.75	0.75	0.5	0.625	0.625	1.125
2.5	7.00	2.94	2.53	4	5.50	0.75	0.5	0.625	0.625	1.125
3	7.50	3.57	3.03	4	6.00	0.75	0.5	0.625	0.625	1.125
4	9.00	4.57	4.03	8	7.50	0.75	0.5	0.625	0.625	1.125
5	10.00	5.66	5.03	8	8.50	0.875	0.5	0.625	0.625	1.188
6	11.00	6.72	6.03	8	9.50	0.875	0.5	0.688	0.688	1.313
8	13.50	8.72	8.03	8	11.75	0.875	0.5	0.688	0.688	1.5
10	16.00	10.88	10.03	12	14.25	1	0.625	0.688	0.688	1.563
12	19.00	12.88	12.06	12	17.00	1	0.625	0.688	0.812	1.75
14	21.00	14.19	-	12	18.75	1.125	0.625	0.688	0.938	1.875
16	23.50	16.19	-	16	21.25	1.125	Use class SB	0.688	1	2
18	25.00	18.19	-	16	22.75	1.25	Use class SB	0.688	1.062	2.125
20	27.50	20.19	-	20	25.00	1.25	Use class SB	0.688	1.125	2.375
22	29.50	22.19	-	20	27.25	1.375	Use class SB	0.75	1.188	2.5
24	32.00	24.19	-	20	29.50	1.375	Use class SB	0.75	1.25	2.625
26	34.25	26.25	-	24	31.75	1.375	Use class SB	0.812	1.312	2.75
28	36.50	28.25	-	28	34.00	1.375	Use class SB	0.875	1.312	2.75
30	38.75	30.25	-	28	36.00	1.375	Use class SB	0.875	1.375	2.875
32	41.75	32.25	-	28	38.50	1.625	Use class SB	0.938	1.5	3
34	43.75	34.25	-	32	40.50	1.625	Use class SB	0.938	1.5	3
36	46.00	36.25	-	32	42.75	1.625	Use class SB	1	1.625	3.125
38	48.75	38.25	-	32	45.25	1.625	Use class SB	1	1.625	3.125
40	50.75	40.25	-	36	47.25	1.625	Use class SB	1	1.625	3.25
42	53.00	42.25	-	36	49.50	1.625	Use class SB	1.125	1.75	3.375
44	55.25	44.25	-	40	51.75	1.625	Use class SB	1.125	1.75	3.375
46	57.25	46.25	-	40	53.75	1.625	Use class SB	1.125	1.75	3.438
48	59.50	48.25	-	44	56.00	1.625	Use class SB	1.25	1.875	3.5
50	61.75	50.25	-	44	58.25	1.875	Use class SB	1.25	2	3.5
52	64.00	52.25	-	44	60.50	1.875	Use class SB	1.25	2	3.625
54	66.25	54.25	-	44	62.75	1.875	Use class SB	1.375	2.125	3.75
60	73.00	60.25	-	52	69.25	1.875	Use class SB	1.5	2.25	3.875
66	80.00	66.25	-	52	76.00	1.875	Use class SB	1.625	2.5	4.25
72	86.50	72.25	-	60	82.50	1.875	Use class SB	1.75	2.625	4.375

DIMENSIONS ARE IN INCHES
 Pressure Ratings for Water Service:
 SA- 50 PSI
 SB- 86 PSI
 SD- 150 PSI
 SE- 275 PSI